

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the Abstract page on page 17 as follows:

Analyzing system for the detection of reducing and oxidizing gases in a carrier gas, characterized in that wherein the detection means are sensors based on semiconductor-type metal oxides that work in the absence of oxygen, and in that said . The system includes means for connecting to a chamber which contains said the sensors, and moreover in that the processing and control include a system of real-time recognition of said the gases, which provides a diagram in which the measurements taken on said the carrier gas are situated and identified. Permits The analyzing system permits analysis of the gas in real time. Figures 3.